

Converting Colors

YUV(131.4390, 44.1536,
-68.7910)

Have a look what the booklet for
YUV(131.4390, 44.1536, -68.7910)
contains.

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Color

**YUV(131.4390, 44.1536,
-68.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	359ADD
RGB	53, 154, 221
RGB Percent	21%, 60%, 87%
CMY	0.7922, 0.3961, 0.1333
CMYK	0.76, 0.30, 0.00, 0.13
HSL	204°, 71%, 54%
HSV	204°, 76%, 87%
XYZ	26.0749, 29.0885, 72.6470
YIQ	131.4390, -81.7030, -0.5750

Conversions

Conversions Part 2

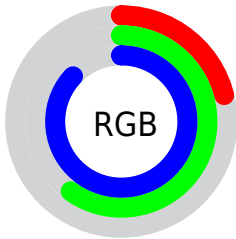
Format	Color
R _Y B	53, 116, 221
Decimal	3513053
CIE Lab	60.86, -6.41, -42.25
CIE LCh	61, 42.729, 261.379
Yxy	29.0885, 0.2040, 0.2276
Android (android.graphics.Color)	4281703133 (0xFF359ADD)
YUV	131.4390, 44.1536, -68.7910
Hunter-Lab	53.9338, -8.0862, -42.1079

Details

The YUV color **131.4390, 44.1536, -68.7910** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **142.5610, -44.1536, 68.7910**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6440, 33.2065, -57.5698**, and **79.3850, 42.7012, -69.6206** is the 20% darker color. If you saturate the color by 10%, you get **119.5780, 50.0010, -77.6829**, and if you desaturate by 10%, it is **143.3000, 38.3061, -59.8991**.

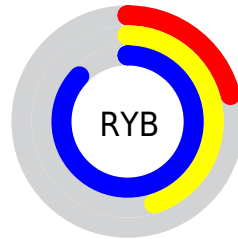
Distribution



Red (21%)

Green (60%)

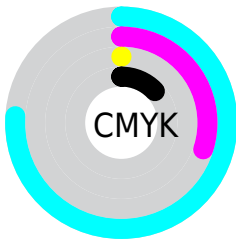
Blue (87%)



Red (21%)

Yellow (45%)

Blue (87%)

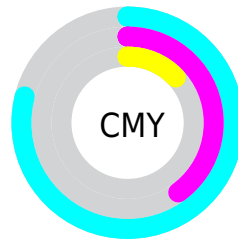


Cyan (76%)

Magenta (30%)

Yellow (0%)

Black (13%)



Cyan (79%)

Magenta (40%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4390, 44.1536, -68.7910 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 131.4390, 44.1536, -68.7910 by changing the saturation by 10% instead.

■ 131.4390, 44.1536,
-68.7910

■ 131.4390, 44.1536,
-68.7910

■ 255.0000, 0.0000,
0.0000

■ 97.1380, 47.2600,
-85.1900

■ 187.6440, 33.2065,
-57.5698

■ 79.3850, 42.7012,
-69.6206

■ 213.3490, 20.5339,
-52.9261

■ 62.2190, 37.8530,
-54.5661

■ 233.4720, 10.6133,
-44.2639

■ 46.3410, 32.8629,
-40.6411

■ 242.7410, 6.0437,
-25.2059

■ 31.1640, 28.0201,
-27.3308

■ 252.0100, 1.4741,
-6.1478

■ 14.3400, 24.4824,
-12.5762

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 131.4390, 44.1536,
-68.7910

■ 131.4390, 44.1536,
-68.7910

■ 119.5780, 50.0010,
-77.6829

■ 143.3000, 38.3061,
-59.8991

■ 107.7170, 55.8485,
-86.5748

■ 155.1610, 32.4586,
-51.0072

■ 103.2650, 58.0434,
-90.5634

■ 166.4350, 26.9005,
-41.6005

■ 178.2960, 21.0531,
-32.7086

■ 190.4560, 15.0582,
-23.2019

■ 202.3170, 9.2107,
-14.3100

■ 214.1780, 3.3632,
-5.4181

■ 226.0390, -2.4842,
3.4738

■ 237.3130, -8.0423,
12.8805

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



118.4640, 42.6622, -103.8929



131.4390, 44.1536, -68.7910



147.2720, 34.3759, -12.5165

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



131.4390, 44.1536, -68.7910



147.6550, -13.1409, 61.6926



135.2800, -18.3790, -31.8176

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



131.4390, 44.1536, -68.7910



142.5610, -44.1536, 68.7910

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



141.0040, -33.0330, 1.7505



131.4390, 44.1536, -68.7910



146.2890, -28.2435, 52.3665

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



131.4390, 44.1536, -68.7910



150.1930, 4.3419, 54.2047



144.3820, -36.1773, 30.3600



121.0900, 6.3646, -81.6399

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



131.4390, 44.1536, -68.7910



150.6840, 26.2848, 16.0631



144.3820, -36.1773, 30.3600



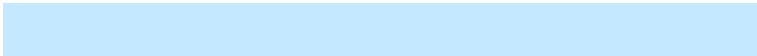
137.4510, -24.3793, -20.5665

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



131.4390, 44.1536, -68.7910



223.8580, 15.3530, -24.4315



158.9120, -20.6626, -92.8848



108.4310, 9.6475, -14.4100



0.0000, 0.0000, 0.0000



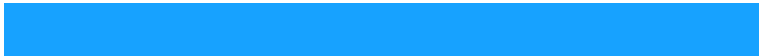
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.4390, 44.1536, -68.7910



131.0410, 61.1118, -94.7520



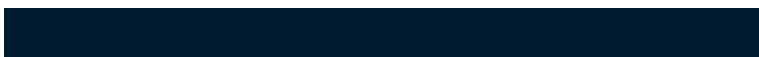
83.8920, 67.5942, -27.0923



103.7760, 3.0684, -4.1886



80.7700, 45.4694, -70.8353



21.6800, 11.9898, -19.0134

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



114.7460, 19.3522, 93.1848



108.2140, 26.5165, 128.7313



190.1080, -67.5942, 27.0923



102.9730, 0.9993, 6.1627



63.5830, 19.9256, 95.9587



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 131.4390, 44.1536, -68.7910 looks on a white background.

Color Contrast Check

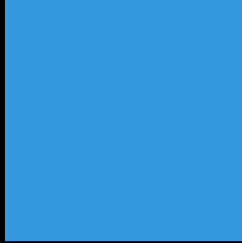
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 131.4390, 44.1536, -68.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

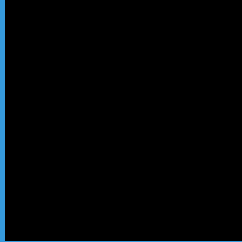
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

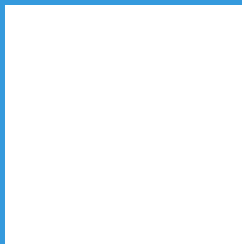
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.4390, 44.1536, -68.7910 Background



This preview shows how black text looks on a background with the YUV color 131.4390, 44.1536, -68.7910.

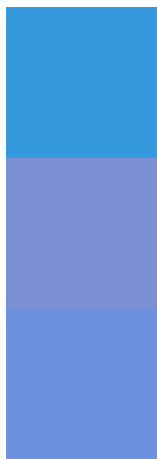


This preview shows how white text looks on a background with the YUV color 131.4390, 44.1536, -68.7910.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

131.4390, 44.1536, -68.7910

Protanopia

145.4730, 32.7978, -19.7088

Deuteranopia

142.8290, 39.5243, -30.5450



Tritanopia

115.0440, 29.5583, -100.8936

Trichromacy



Original Color

131.4390, 44.1536, -68.7910

Protanomaly

140.6880, 36.6358, -37.4374

Deuteranomaly

138.4960, 41.1675, -44.2850

Tritanomaly

120.9020, 35.0513, -89.3681

Monochromacy



Original Color

131.4390, 44.1536, -68.7910

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0860, 16.2266, -24.6314

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4390, 44.1536, -68.7910 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(53, 154, 221)` looks like.

```
.text, #text, p{  
    color:rgb(53, 154, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(53, 154, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 154, 221) }
```

Border

The CSS property to change the border of an element to YUV 131.4390, 44.1536, -68.7910 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(53, 154, 221) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(53, 154, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(53, 154, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 154, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 154, 221);  
box-shadow:4px 4px 4px 4px rgb(53, 154,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 131.4390, 44.1536, -68.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 154, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(53, 154,  
221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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